BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

EMB

"FIRST & FINAL BILL"

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 11-11-21 to 15-11-21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Dismantling barbed wire or flexible wirer rope in fencing including making rolls and stacking within 50m lead. including cost of materials, labour, HOM complete as per specifications.						
		Mtr					
	Park 1						
	Northern Side	1	58.45	1.80		105.21	
	Eastern Side	1	70.45	1.80		126.81	
	Southern Side	1	17.10	1.80		30.78	
	Western Side	1	71.60	1.80		128.88	
	Park 2						
	Northern Side	1	11.40	1.80		20.52	
	Eastern Side	1	46.00	1.80		82.80	
	Southern Side	1	4.00	1.80		7.20	
	Western Side	1	46.20	1.80		83.16	
	Park 3						
	Northern Side	1	11.40	1.80		20.52	
	Southern Side	1	4.00	1.80		7.20	
	Western Side	1	46.20	1.80		83.16	
						696.24	
	Consider 35%					243.68	
					Present Qty	243.68	Mtr

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Engineering Zn)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 5-11-21 to 19-11-21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No.138, I.No.18.11 of PW, P&IWTD SR 2018-19)						
		Sqm					
	Park 1						
	N-S Side (58.45+17.10)						
	E-W Side (70.45+71.60)	1	37.70	71.03		2,677.64	
	Entrnace L Shape Main Road and Sub road	1	128.90	4.00		515.60	
	Park 2						
	N-S Side (11.40+4.00)						
	E-W Side (46.00+46.20)	1	7.70	46.10		354.97	
	All round the Park	1	107.60	3.85		414.26	
	Park 3						
	N-S Side (43.55+2)						
	E-W Side (154.25+180)	1	23.28	167.25		3,893.58	
	Northern Side Clearnace	1	50.66	6.25		316.63	
	Western Side Till Housees	1	60.35	5.75		347.01	
					Present Qty	8,519.69	Sqm

A.E.E 19/11

Contractor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Engineering Division (BBMP Ynk. Zn) Yelahanka, Bangalore

CONSTRUCTION AND CONSULTANCY SURVEY

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 16-11-21 To 10-12-21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5.						
	Foundtion EarthWork	Cum					
	Park 1						
	Suthern Side LHS to Gate	1	12.85	1.50	1.00	19.28	
	RHS to Gate	1	39.50	1.50	1.00	59.25	
	Gate	1	6.90	1.50	1.00	10.35	
	Western Side	1	71.10	1.50	1.00	106.65	
	Western Side Till Compound Drain	1	19.35	1.50	1.00	29.03	
	Northern Side	1	9.90	1.50	1.00	14.85	
	Nest to RO Plant	1	3.55	1.50	1.00	5.33	
	Eastern Side	1	91.15	1.50	1.00	136.73	
	Southern Side LHS to Gate	1	39.75	1.50	1.00	59.63	
	Temple Side	1	24.65	1.50	1.00	36.98	
	Park 2						
	Southern Side	1	4.65	1.50	1.00	6.98	
	Eastern Side	1	46.75	1.50	1.00	70.13	
	Northern Side	1	11.85	1.50	1.00	17.78	
	Western Side (Road Side) LHS	1	18.85	1.50	1.00	28.28	
	Western Side (Road Side) RHS	1	26.75	1.50	1.00	40.13	
	Gate	1	1.35	1.50	1.00	2.03	
	Park 3						
	Western Side LHS to Gate (Road Side)	1	94.80	1.50	1.00	142.20	
	Western Side RHS to Gate (Road Side)	1	61.15	1.50	1.00	91.73	
	Gate	1	7.00	1.50	1.00	10.50	
	Eastern Side	1	142.00	1.50	1.00	213.00	

A.E.E 10/12

SHRIYA CONSTRUCTION AND CONSULTANCY

	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	1.50	1.00	6.98	
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	1.50	1.00	6.98	
	Small Gate	1	1.65	1.50	1.00	2.48	
	Southern Side End to Small Gate	1	38.00	1.50	1.00	57.00	
					Present Qty	1174.20	Cum

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(Engineer Zn)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 10-12-21 to 2-1-21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No. 12/I.No. 4.2 of CSR 2015-16)						
	Foundtion PCC	Cum					
	Park 1						
	Suthern Side LHS to Gate	1	12.85	0.90	0.15	1.73	
	RHS to Gate	1	39.50	0.90	0.15	5.33	
	Gate	1	6.90	0.90	0.15	0.93	
	Western Side	1	71.10	0.90	0.15	9.60	
	Western Side Till Compound Drain	1	19.35	0.90	0.15	2.61	
	Northern Side	1	9.90	0.90	0.15	1.34	
	Nest to RO Plant	1	3.55	0.90	0.15	0.48	
	Eastern Side	1	91.15	0.90	0.15	12.31	
	Southern Side LHS to Gate	1	39.75	0.90	0.15	5.37	
	Temple Side	1	24.65	0.90	0.15	3.33	
	Southern Side	1	4.65	0.90	0.15	0.63	
	Eastern Side	1	46.75	0.90	0.15	6.31	
	Northern Side	1	11.85	0.90	0.15	1.60	
	Western Side (Road Side) LHS	1	18.85	0.90	0.15	2.54	
	Western Side (Road Side) RHS	1	26.75	0.90	0.15	3.61	
	Gate	1	1.35	0.90	0.15	0.18	
	Park 3						
	Western Side LHS to Gate (Road Side)	1	94.80	0.90	0.15	12.80	
	Western Side RHS to Gate (Road Side)	1	61.15	0.90	0.15	8.26	
	Gate	1	7.00	0.90	0.15	0.95	

CC & FC

A.E.E

79.91

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yok. Zn)
Yelahanka, Bangalore

	Eastern Side	1	142.00	0.90	0.15	19.17	
	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	0.90	0.15	0.63	
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	0.90	0.15	0.63	
	Small Gate	1	1.65	0.90	0.15	0.22	
	Southern Side End to Small Gate	1	38.00	1.00	0.15	5.70	
	For Gym equipment In Hanuman Temple Park						
		9.00	1.00	1.00	0.10	0.90	
		1.00	1.00	1.80	0.10	0.18	
		1.00	3.05	1.25	0.10	0.38	27.81
					Present Qty	107.71	**Cum**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 14-12-21 & 21-2-21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13						
	Foundtion SSM	Cum					
	Park 1						
	Suthern Side LHS to Gate	1	12.85	0.75	0.80	7.71	
	RHS to Gate	1	39.50	0.75	0.80	23.70	
	Gate	1	6.90	0.75	0.80	4.14	
	Western Side	1	71.10	0.75	0.80	42.66	
	Western Side Till Compound Drain	1	19.35	0.75	0.80	11.61	
	Northern Side	1	9.90	0.75	0.80	5.94	
	Nest to RO Plant	1	3.55	0.75	0.80	2.13	
	Eastern Side	1	91.15	0.75	0.80	54.69	
	Southern Side LHS to Gate	1	39.75	0.75	0.80	23.85	
	Temple Side	1	24.65	0.75	0.80	14.79	
	Park 2						
	Southern Side	1	4.65	0.75	0.80	2.79	
	Eastern Side	1	46.75	0.75	0.80	28.05	
	Northern Side	1	11.85	0.75	0.80	7.11	
	Western Side (Road Side) LHS	1	18.85	0.75	0.80	11.31	
	Western Side (Road Side) RHS	1	26.75	0.75	0.80	16.05	
	Gate	1	1.35	0.75	0.80	0.81	
	Park 3						
	Western Side LHS to Gate (Road Side)	1	94.80	0.75	0.80	56.88	
	Western Side RHS to Gate (Road Side)	1	61.15	0.75	0.80	36.69	
	Gate	1	7.00	0.75	0.80	4.20	
	Eastern Side	1	142.00	0.75	0.80	85.20	

A.E.E

SHIVA CONSTRUCTION AND CONSULTANCY

	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	0.75	0.80	2.79	
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	0.75	0.80	2.79	
	Small Gate	1	1.65	0.75	0.80	0.99	
	Southern Side End to Small Gate	1	38.00	0.75	0.80	22.80	
					Present Qty	469.68	Cum

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Znk. Zn)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 10-2-22 to 25-2-22.							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2015-16)						
	Foundtion Coping For SSM	Cum					
	Park 1						
	Suthern Side LHS to Gate	1	12.85	0.45	0.10	0.58	
	RHS to Gate	1	39.50	0.45	0.10	1.78	
	Gate	1	6.90	0.45	0.10	0.31	
	Western Side	1	71.10	0.45	0.10	3.20	
	Western Side Till Compound Drain	1	19.35	0.45	0.10	0.87	
	Northern Side	1	9.90	0.45	0.10	0.45	
	Nest to RO Plant	1	3.55	0.45	0.10	0.16	
	Eastern Side	1	91.15	0.45	0.10	4.10	
	Southern Side LHS to Gate	1	39.75	0.45	0.10	1.79	
	Temple Side	1	24.65	0.45	0.10	1.11	
	Park 2						
	Southern Side	1	4.65	0.45	0.10	0.21	
	Eastern Side	1	46.75	0.45	0.10	2.10	
	Northern Side	1	11.85	0.45	0.10	0.53	
	Western Side (Road Side) LHS	1	18.85	0.45	0.10	0.85	
	Western Side (Road Side) RHS	1	26.75	0.45	0.10	1.20	
	Gate	1	1.35	0.45	0.10	0.06	
	Park 3						
	Western Side LHS to Gate (Road Side)	1	94.80	0.45	0.10	4.27	
	Western Side RHS to Gate (Road Side)	1	61.15	0.45	0.10	2.75	

A.E.E 25/2

CONSTRUCTION AND CONSULTANCY SHIVA

26.32

	Gate	1	7.00	0.45	0.10	0.32	
	Eastern Side	1	142.00	0.45	0.10	6.39	
	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	0.45	0.10	0.21	
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	0.45	0.10	0.21	
	Small Gate	1	1.65	0.45	0.10	0.07	
	Southern Side End to Small Gate	1	38.00	0.45	0.10	1.71	
					Present Qty	35.23	Cum

8.91

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP) Yln. Zo)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 10-2-22 to 25-2-22.							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.						
	Foundtion Coping For SSM	Cum					
	Park 1						
	Suthern Side LHS to Gate	2	12.85	0.20	0.85	4.37	
	RHS to Gate	2	39.50	0.20	0.85	13.43	
	Gate	2	6.90	0.20	0.85	2.35	
	Western Side	2	71.10	0.20	0.85	24.17	
	Western Side Till Compound Drain	2	19.35	0.20	0.85	6.58	
	Northern Side	2	9.90	0.20	0.85	3.37	
	Nest to RO Plant	2	3.55	0.20	0.85	1.21	
	Eastern Side	2	91.15	0.20	0.85	30.99	
	Southern Side LHS to Gate	2	39.75	0.20	0.85	13.52	
	Temple Side	2	24.65	0.20	0.85	8.38	
	Park 2						
	Southern Side	2	4.65	0.20	0.85	1.58	
	Eastern Side	2	46.75	0.20	0.85	15.90	
	Northern Side	2	11.85	0.20	0.85	4.03	
	Western Side (Road Side) LHS	2	18.85	0.20	0.85	6.41	
	Western Side (Road Side) RHS	2	26.75	0.20	0.85	9.10	
	Gate	2	1.35	0.20	0.85	0.46	
	Park 3						
	Western Side LHS to Gate (Road Side)	2	94.80	0.20	0.85	32.23	
	Western Side RHS to Gate (Road Side)	2	61.15	0.20	0.85	20.79	
	Gate	2	7.00	0.20	0.85	2.38	
	Eastern Side	2	142.00	0.20	0.85	48.28	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Nk. Zn)
Yelahanka, Bangalore

	Eastern Side Near Lateral Entry Near houses LHS	2	4.65	0.20	0.85	1.58	
	Eastern Side Near Lateral Entry Near houses RHS	2	4.65	0.20	0.85	1.58	
	Small Gate	2	1.65	0.20	0.85	0.56	
	Southern Side End to Small Gate	1	38.00	0.20	0.85	6.46	
					Present Qty	259.69	Cum

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Engineer)
Yelahanka, Bangalore

Asst. Executive
Engineer

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements

Measurement Recorded On: 18-1-21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.143, I.No.19.1 of PW, P&IWTD SR 2018-19)						
		Cum					
	Park 1 Pathway						
	Southern Side	1	51.10	2.68	0.25	34.24	
	Western Side	1	62.45	2.68	0.25	41.84	
	Northern Side	1	8.75	3.40	0.25	7.44	
	Eastern Side	1	83.92	2.70	0.25	56.65	
	Extra Portion	0.5	6.00	2.70	0.25	2.03	
	Connecting Pathway	1	24.25	2.60	0.25	15.76	
	Park 3 Pathway						
	Southern Side	1	37.70	2.40	0.25	22.62	
	Western Side	1	91.10	2.40	0.25	54.66	
	Western Side End Portion	1	24.00	2.70	0.25	16.20	
	Eastern Side	1	112.20	2.70	0.25	75.74	
	Connecting Pathway	1	18.40	2.70	0.25	12.42	
	For Gym equipment In Hanuman Temple Park						
		9.00	1.00	1.00	0.80	7.20	
		1.00	1.00	1.80	0.80	1.44	
		1.00	3.05	1.25	0.80	3.05	
					Present Qty	**351.27**	**Cum**

for Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP) Ynk. Zone
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 20-1-22							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PW, P&IWTD SR2016-17)						
		Cum					
	Park						
	Kerb PCC						
	Park 1						
	Southern Side LHS	1	51.10	0.20	0.10	1.02	
	Southern Side RHS	1	52.64	0.20	0.10	1.05	
	Western Side LHS	1	67.45	0.20	0.10	1.35	
	Western Side RHS	1	62.09	0.20	0.10	1.24	
	Northern Side LHS	1	8.35	0.20	0.10	0.17	
	Northern Side RHS	1	3.00	0.20	0.10	0.06	
	Eastern Side LHS	1	91.30	0.20	0.10	1.83	
	Eastern Side RHS	1	85.22	0.20	0.10	1.70	
	Connecting Pathway LHS	1	24.25	0.20	0.10	0.49	
	Connecting Pathway RHS	1	24.25	0.20	0.10	0.49	
	Kerb PCC						
	Park 3						
	Southern Side LHS	1	37.70	0.20	0.10	0.75	
	Southern Side RHS	1	30.00	0.20	0.10	0.60	
	Western Side LHS	1	138.75	0.20	0.10	2.78	
	Western Side RHS	1	118.70	0.20	0.10	2.37	
	Northern Side LHS	1	2.80	0.20	0.10	0.06	
	Eastern Side LHS	1	141.50	0.20	0.10	2.83	
	Eastern Side RHS	1	109.80	0.20	0.10	2.20	
	Connecting Pathway LHS	1	24.25	0.20	0.10	0.49	
	Connecting Pathway RHS	1	24.25	0.20	0.10	0.49	

(BBMP Ynk. Zone) Malahanki, Bengaluru

	For Gym equipment In Hanuman Temple Park						
		9.00	1.00	1.00	0.70	6.30	
		1.00	1.00	1.80	0.70	1.26	
		1.00	3.05	1.25	0.70	2.67	
	For Gym equipment Flooring, Hanuman Temple Park						
		1.00	10.00	12.00	0.15	18.00	
					Present Qty	50.18	Cum

for Contractor

PMC

SHRIVA CONSULTANCY CONSTRUCTION

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Vpk. Zn)
Yelahanka, Bangalore

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements							
Measurement Recorded On: 22-2-22							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWTD SR 2018-19)						
		Cum					
	Park						
	Park 1						
	Platform for Benches	18	2.60	1.55	0.30	21.76	
		1	2.10	1.55	0.30	0.98	
	Park 2						
	Platform for Benches	5	2.60	1.55	0.30	6.05	
	Park 3						
	Platform for Benches	20	2.55	1.65	0.30	25.25	
					Present Qty	54.03	**Cum**

Contractor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Division (BBMP Nrk. Zn) Yelahanka, Bengaluru

Assistant Executive Engineer

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Detailed Measurements

Measurement Recorded On: 19-1-22 to 12-2-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB M400-17: Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Page No:155 Item No: 20.18, of KPWD SR Bangalore Circle 2018-19)						
		Cum					
	Park 1 Pathway						
	Southern Side	1	51.10	2.68	0.15	20.54	
	Western Side	1	62.45	2.68	0.15	25.10	
	Northern Side	1	8.75	3.40	0.15	4.46	
	Eastern Side	1	83.92	2.70	0.15	33.99	
	Extra Portion	0.5	6.00	2.70	0.15	1.22	
	Connecting Pathway	1	24.25	2.60	0.15	9.46	
	Park 3 Pathway						
	Southern Side	1	37.70	2.40	0.15	13.57	
	Western Side	1	91.10	2.40	0.15	32.80	
	Western Side End Portion	1	24.00	2.70	0.15	9.72	
	Eastern Side	1	112.20	2.70	0.15	45.44	
	Connecting Pathway	1	18.40	2.70	0.15	7.45	
					Present Qty	203.75	Cum

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
Asst. Executive Engineer
Yelahanka, Bangalore

1st & Final Bill

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01

Work Order No: BBMP/EE Ynk D/EPMT-08/WO/06/2021-22, Dated 17.04.2021

Job code: 001-21-000017

Est. cost: 300.00 lakhs

Name Of contractor: Sri Dhamodhara Raju

Measurements

Item No	Discription of Item	Unit	Qty	Rate	Amount
1	Dismantling barbed wire or flexible wirer rope in fencing including making rolls and stacking within 50m lead. including cost of materials, labour, HOM complete as per specifications.				
	Pre Measurements recorded in Vide page no (1)	Mtr	Present Qty	243.68	7.78	1895.86
2	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No.138, I.No.18.11 of PW, P&IWTD SR 2018-19)				
	Pre Measurements recorded in Vide page no (2)	Sqm	Present Qty	8519.69	11.12	94738.95
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5				
	Pre Measurements recorded in Vide page no (3 – 4)	CUM	Present Qty	1174.20	499.26	586231.09
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3.6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/1 No. 4.2 of CSR 2015-16)				
	Pre Measurements recorded in Vide page no (5 – 6)	CUM	Present Qty	107.71	5775.42	622066.16
5	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13				
	Pre Measurements recorded in Vide page no (7 – 8)	CUM	Present Qty	469.68	4997.06	2347019.14
8	KSRB 4-1.6 , Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I No. 4.6 of PWD SR 2015-16)				
	Pre Measurements recorded in Vide page no (9 – 10)	CUM	Present Qty	35.23	6028.94	212375.44
9	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.				

	Pre Measurements recorded in Vide page no (11) – (12)	Cum		Present Qty	259.69	134.54	34938.96
12	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.143, I.No.19.1 of PW, P&IWTD SR 2018-19)						
	Pre Measurements recorded in Vide page no (13) –	Cum		Present Qty	351.27	222.17	78042.66
13	KSRB 4-1.6 , Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PW, P&IWTD SR2016-17)						
	Pre Measurements recorded in Vide page no (14) – (15)	CUM		Present Qty	50.18	6164.22	309300.53
15	KSRRB M400-19. Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWTD SR 2018-19)						
	Pre Measurements recorded in Vide page no (16) – (16)	Cum		Present Qty	54.03	232.40	12556.22
16	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Page No:155 Item No: 20.18, of KPWD SR Bangalore Circle 2018-19)						
	Pre Measurements recorded in Vide page no (17)	Cum		Present Qty	203.75	2099.34	427741.99

Contractor

PMC

SHREYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub Division
(BBMP Yk. Zn)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	SSM Above Ground	Cum							
	Park 1								
	Suthern Side LHS to Gate	1	12.85	0.45	0.50	2.89			
	RHS to Gate	1	39.50	0.45	0.50	8.89			
	Gate	1	6.90	0.45	0.50	1.55			
	Western Side	1	71.10	0.45	0.50	16.00			
	Western Side Till Compound Drain	1	19.35	0.45	0.50	4.35			
	Northern Side	1	9.90	0.45	0.50	2.23			
	Nest to RO Plant	1	3.55	0.45	0.50	0.80			
	Eastern Side	1	91.15	0.45	0.50	20.51			
	Southern Side LHS to Gate	1	39.75	0.45	0.50	8.94			
	Temple Side	1	24.65	0.45	0.50	5.55			
	Park 2								
	Southern Side	1	4.65	0.45	0.50	1.05			
	Eastern Side	1	46.75	0.45	0.50	10.52			
	Northern Side	1	11.85	0.45	0.50	2.67			
	Western Side (Road Side) LHS	1	18.85	0.45	0.50	4.24			
	Western Side (Road Side) RHS	1	26.75	0.45	0.50	6.02			
	Gate	1	1.35	0.45	0.50	0.30			
	Park 3								
	Western Side LHS to Gate (Road Side)	1	94.80	0.45	0.50	21.33			
	Western Side RHS to Gate (Road Side)	1	61.15	0.45	0.50	13.76			
	Gate	1	7.00	0.45	0.50	1.58			
	Eastern Side	1	142.00	0.45	0.50	31.95			
	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	0.45	0.50	1.05			
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	0.45	0.50	1.05			
	Small Gate	1	1.65	0.45	0.50	0.37			
	Southern Side End to Small Gate	1	38.00	0.45	0.50	8.55			
					Present Qty	176.13	SQM	6096.77	1073824.10

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. ZH)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. - do - cement mortar 1:3								
	For SSM Above Ground	Sqm							
	Park 1								
	Suthern Side LHS to Gate	2	12.85	0.45		11.57			
	RHS to Gate	2	39.50	0.45		35.55			
	Gate	2	6.90	0.45		6.21			
	Western Side	2	71.10	0.45		63.99			
	Western Side Till Compound Drain	2	19.35	0.45		17.42			
	Northern Side	2	9.90	0.45		8.91			
	Nest to RO Plant	2	3.55	0.45		3.20			
	Eastern Side	2	91.15	0.45		82.04			
	Southern Side LHS to Gate	2	39.75	0.45		35.78			
	Temple Side	2	24.65	0.45		22.19			
	Park 2								
	Southern Side	2	4.65	0.45		4.19			
	Eastern Side	2	46.75	0.45		42.08			
	Northern Side	2	11.85	0.45		10.67			
	Western Side (Road Side) LHS	2	18.85	0.45		16.97			
	Western Side (Road Side) RHS	2	26.75	0.45		24.08			
	Gate	2	1.35	0.45		1.22			
	Park 3								
	Western Side LHS to Gate (Road Side)	2	94.80	0.45		85.32			
	Western Side RHS to Gate (Road Side)	2	61.15	0.45		55.04			
	Gate	2	7.00	0.45		6.30			
	Eastern Side	1	142.00	0.45		63.90			
	Eastern Side Near Lateral Entry Near houses LHS	1	4.65	0.45		2.09			
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65	0.45		2.09			
	Small Gate	1	1.65	0.45		0.74			
	Southern Side End to Small Gate	1	38.00	0.45		17.10			
					Present Qty	618.59	SQM	108.97	67408.02

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
10	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)								
	SSM Above Ground	Sqm							
	Park 1								
	Suthern Side LHS to Gate	1	12.85		1.85	23.77			
	RHS to Gate	1	39.50		1.85	73.08			
	Gate	1	1.50		1.85	2.78			
	Western Side	1	71.10		1.85	131.54			
	Western Side Till Compound Drain	1	19.35		1.85	35.80			
	Northern Side	1	9.90		1.85	18.32			
	Nest to RO Plant	1	3.55		1.85	6.57			
	Eastern Side	1	91.15		1.85	168.63			
	Southern Side LHS to Gate	1	39.75		1.85	73.54			
	Temple Side	1	24.65		1.85	45.60			
	Park 2								
	Southern Side	1	4.65		1.90	8.84			
	Eastern Side	1	46.75		1.90	88.83			
	Northern Side	1	11.85		1.90	22.52			
	Western Side (Road Side) LHS	1	18.85		1.90	35.82			
	Western Side (Road Side) RHS	1	26.75		1.90	50.83			
	Gate	1	1.35		1.90	2.57			

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

	Park 3								
	Western Side LHS to Gate (Road Side)	1	94.80		1.90	180.12			
	Western Side RHS to Gate (Road Side)	1	61.15		1.90	116.19			
	Gate	1	7.00		1.90	13.30			
	Eastern Side	1	142.00		1.90	269.80			
	Eastern Side Near Lateral Entry Near houses LHS	1	4.65		1.90	8.84			
	Eastern Side Near Lateral Entry Near houses RHS	1	4.65		1.90	8.84			
	Small Gate	1	1.65		1.90	3.14			
	Southern Side End to Small Gate	1	38.00		1.90	72.20			
					Present Qty	1461.40	SQM	9592.06	14017788.52

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Fabricating, providing and erecting in position Hot dip galvanised Gate Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate								
		Sqm							
	Park 1								
	Gate 1	1	5.00		2.10	10.50			
	Gate 2	1	1.50		1.90	2.85			
	Park 2								
	Gate 1	1	1.30		1.90	2.47			
	Park 3								
	Gate 1	1	5.20		2.10	10.92			
	Gate 2	1	1.30		1.90	2.47			
					Present Qty	29.21	SQM	13086.28	382250.24

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm. (P.No 112, I.No.14.61.2 of PW,P&IWTD S.R 2018-19)								
		Sqm							
	Park 1								
	Platform for Benches	18	2.60	1.55		72.54			
	Sides (18*2)=36	36	1.55	0.25		13.95			
		1	2.10	1.55		3.26			
	Sides	2	1.55	0.25		0.78			
	Park 2								
	Platform for Benches	5	2.60	1.55		20.15			
	Sides	10	1.55	0.25		3.88			
	Park 3								
	Platform for Benches	20	2.55	1.65		84.15			
	Sides	40	1.55	0.25		15.50			
	Park 3 Entrance								
	Tread	3	6.85	0.40		8.22			
	Raiser	4	6.85	0.15		4.11			
					Present Qty	226.53	SQM	2200.53	498475.06

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Assembly Division
(BBMP Planner Zn)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	KSRB 14.6-1: Providing & laying heavy duty cobble stones 60mm thick interlock pavers,using cement & course sand for manufacture of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 103 of I.No.14.6 in PW,P&IWTD SR 2018-19)								
		Sqm							
	Park 1 Pathway								
	Southern Side	1	51.10	2.68		136.95			
	Western Side	1	62.45	2.68		167.37			
	Northern Side	1	8.75	3.40		29.75			
	Eastern Side	1	83.92	2.70		226.58			
	Extra Portion	0.5	6.00	2.70		8.10			
	Connecting Pathway	1	24.25	2.60		63.05			
	Park 3 Pathway								
	Southern Side	1	37.70	2.40		90.48			
	Western Side	1	91.10	2.40		218.64			
	Western Side End Portion	1	24.00	2.70		64.80			
	Eastern Side	1	112.20	2.70		302.94			
	Connecting Pathway	1	18.40	2.70		49.68			
					Present Qty	1358.34	SQM	1170.87	1590437.21

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Engineer Divison
(BBMP Vnk. Zn)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (P.No 27 of I.No 5.30 in PW,P&IWTD SR 2018-19)								
		Nos							
	Kerb								
	Park 1								
	Southern Side LHS	1	51.10			51.10			
	Southern Side RHS	1	52.64			52.64			
	Western Side LHS	1	67.45			67.45			
	Western Side RHS	1	62.09			62.09			
	Northern Side LHS	1	8.35			8.35			
	Northern Side RHS	1	3.00			3.00			
	Eastern Side LHS	1	91.30			91.30			
	Eastern Side RHS	1	85.22			85.22			
	Connecting Pathway LHS	1	24.25			24.25			
	Connecting Pathway RHS	1	24.25			24.25			
	Park 3								
	Southern Side LHS	1	37.70			37.70			
	Southern Side RHS	1	30.00			30.00			
	Western Side LHS	1	138.75			138.75			
	Western Side RHS	1	118.70			118.70			
	Northern Side LHS	1	2.80			2.80			
	Eastern Side LHS	1	141.50			141.50			
	Eastern Side RHS	1	109.80			109.80			
	Connecting Pathway LHS	1	24.25			24.25			
	Connecting Pathway RHS	1	24.25			24.25			
						1097.40			
					Present Qty	2439.00	Nos	453.67	1106501.13

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
(BBMP Engineering)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Item no.24.1 of KPWD S.R Bangalore Circle 2018-2019)								
		Nos							
	Southern Side LHS	1	51.10		0.35	17.89			
	Southern Side RHS	1	52.64		0.35	18.42			
	Western Side LHS	1	67.45		0.35	23.61			
	Western Side RHS	1	62.09		0.35	21.73			
	Northern Side LHS	1	8.35		0.35	2.92			
	Northern Side RHS	1	3.00		0.35	1.05			
	Eastern Side LHS	1	91.30		0.35	31.96			
	Eastern Side RHS	1	85.22		0.35	29.83			
	Connecting Pathway LHS	1	24.25		0.35	8.49			
	Connecting Pathway RHS	1	24.25		0.35	8.49			
	Park 3								
	Southern Side LHS	1	37.70		0.35	13.20			
	Southern Side RHS	1	30.00		0.35	10.50			
	Western Side LHS	1	138.75		0.35	48.56			
	Western Side RHS	1	118.70		0.35	41.55			
	Northern Side LHS	1	2.80		0.35	0.98			
					0.35	0.00			
	Eastern Side LHS	1	141.50		0.35	49.53			
	Eastern Side RHS	1	109.80		0.35	38.43			
	Connecting Pathway LHS	1	24.25		0.35	8.49			
	Connecting Pathway RHS	1	24.25		0.35	8.49			
					Present Qty	384.09	Nos	88.96	34168.65

Contractor PMC Assistant Engineer Asst. Executive Engineer Yelahanka Engineer Sub Division (BBMP Ynk. Zn) Yelahanka, Bangalore

CONSTRUCTION AND CONSULTANCY

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
20	Supplying and Fixing of Garbage bins rectangular with permanent structure series without arch 100litre capacity approved by Engineer in charge								
		Nos							
	GKVK Park	1				1.00			
	Hanuman Temple Park	2				2.00			
					Present Qty	3.00	Nos	19354.05	58062.15

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-1	Supply & fixing of Arm & Pedal Bike : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 830 MM x 500MM x 1450 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1	1.00				1.00			
						Present Qty	1.00	No	222423.75	222423.75

Contractor PMC Assistant Engineer Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(DBMP Task-2n)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-2	Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1000 MM x 500MM x 1290MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	163546.88	163546.88

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-3	Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 810MM x 1710MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	157005.00	157005.00

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelah Asst. Executive Engineer
(KEMPAPURA ZONE)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-4	Supply & fixing of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 865 MM x 1710 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	183172.50	183172.50

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer
Yelahanka Executive Engineer
(BBMP) (PH En)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-5	Supply & fixing of Leg Stretch : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 935 MM x 810 MM x 1135 MM . Capacity 3 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	51078.96	51078.96

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-6	Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2570 MM x 840 MM x 2200 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	309823.20	309823.20

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-7	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1955 MM x 730 MM x 1955 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	300926.25	300926.25

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bengaluru

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-9	Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1390 MM x 805 MM x 1198 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	215881.88	215881.88

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Division
Asst. Executive Engineer
(BBMP Unit 2)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-10	Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1	1.00			1.00			
					Present Qty	1.00	No	150463.13	150463.13

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-11	Supply & fixing of HD Sit Up Station : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1365 MM x 1335 MM x 700 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges								
	Hanuman Temple Park	1.00				1.00			
					Present Qty	1.00	No	163546.88	163546.88

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bangalore

Name of Work:-Additional Development Works to Parks and Providing Children Playing and Open Gym Equipments at Lal Bhadur Shastry Layoutin Kempegowda Ward No 01.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-12	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62 of PWD SR 2018-19)								
	Hanuman Temple Park	1.00	10.00	12.00		120.00			
					Present Qty	120.00	No	1388.09	166571.33
								Civil Works Amount	24562432.62
								12% GST	2947491.91
								Data Rate Items	2035622.16
								Total	29545547.00

Contractor

SHIVA CONSTRUCTION AND CONSULTANCY PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yak. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer